Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1135	alpha near3 (ta or tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/05 15:01
L2	579	L1 and (alcu or copper or cu)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/05 15:01
L3	330	L2 and (rough$4 or bump or uneven or porous or grain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 15:01
L4	223	L3 and (tan or (tantalum adj1 nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 15:01
L5	4	("6221757" | "6291885" | "6342448" | "6562715").PN. OR ("6727592").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/05 15:02
L6	3	L5 and (rough$4 or bump or uneven or porous or grain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 15:02
L7	271	vu near1 hung	US-PGPUB; USPAT	OR	OFF	2005/12/05 15:02
L8	121	L7 and (copper or cu)	US-PGPUB; USPAT	OR	OFF	2005/12/05 15:02
L9	69	L7 and (tantalum or ta)	US-PGPUB; USPAT	OR	OFF	2005/12/05 15:02
L10	54	L8 and L9	US-PGPUB; USPAT	OR	OFF	2005/12/05 15:02
L12	28	L10 and (rough$4 or bump or uneven or porous or grain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 15:04

L13	330	L2 and (rough$4 or bump or uneven or porous or grain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 15:05
L14	355	12 or 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/05 15:04

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      FILE 'REGISTRY' ENTERED AT 17:43:48 ON 01 DEC 2005
L1          1 SEA ABB=ON   PLU=ON   TANTALUM/CN


      FILE 'REGISTRY' ENTERED AT 17:44:09 ON 01 DEC 2005
L2          1 SEA ABB=ON   PLU=ON   ALPHA(W)(TA OR TANTALUM)
L3          0 SEA ABB=ON   PLU=ON   L1(L)ALPHA
              D L2 ALL


      FILE 'HCAPLUS' ENTERED AT 17:45:02 ON 01 DEC 2005
L4        284 SEA ABB=ON   PLU=ON   ALPHA(W)(TA OR TANTALUM)


      FILE 'REGISTRY' ENTERED AT 17:45:28 ON 01 DEC 2005
L5        608 SEA ABB=ON   PLU=ON   TANTALUM NITRIDE
L6       2501 SEA ABB=ON   PLU=ON   TA/ELS,MAC AND NITRIDE


      FILE 'HCAPLUS' ENTERED AT 17:46:31 ON 01 DEC 2005
L7       7374 SEA ABB=ON   PLU=ON   (L5 OR L6) OR (TA OR TANTALUM)(W)NITRIDE
L8         44 SEA ABB=ON   PLU=ON   L4 AND L7
L9          2 SEA ABB=ON   PLU=ON   L8 AND ROUGH##########
L10        18 SEA ABB=ON   PLU=ON   L8 AND BARRIER
L11         2 SEA ABB=ON   PLU=ON   L8 AND OPENING
L12         2 SEA ABB=ON   PLU=ON   L8 AND (FILL#### OR PLUG#### OR OPENING)(3
              A)(CU OR COPPER)
L13         7 SEA ABB=ON   PLU=ON   L10 AND SURFACE
L14         8 SEA ABB=ON   PLU=ON   L9 OR L11 OR L12 OR L13
              D BIB AB HITSTR TOT


      FILE 'JICST-EPLUS' ENTERED AT 17:50:06 ON 01 DEC 2005
L15        15 SEA ABB=ON   PLU=ON   ALPHA(W)(TA OR TANTALUM)
              D ALL TOT


      FILE 'INSPEC' ENTERED AT 17:50:58 ON 01 DEC 2005
L16       103 SEA ABB=ON   PLU=ON   ALPHA(W)(TA OR TANTALUM)
L17       430 SEA ABB=ON   PLU=ON   (TA OR TANTALUM)(W)NITRIDE
L18         8 SEA ABB=ON   PLU=ON   L16 AND L17
              D ALL TOT
L19       846 SEA ABB=ON   PLU=ON   TAN/CHI
L20        12 SEA ABB=ON   PLU=ON   L16 AND L19
L21        11 SEA ABB=ON   PLU=ON   L20 NOT L18
L22         0 SEA ABB=ON   PLU=ON   L21 AND ROUGH#######
L23         3 SEA ABB=ON   PLU=ON   L21 AND SURFACE
L24         9 SEA ABB=ON   PLU=ON   L21 AND BARRIER
L25         9 SEA ABB=ON   PLU=ON   L22 OR L24
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